RADIO PERFORMANCE TEST REPORT

Test Report No.	**: OT-222-RWD-029**
Reception No.	**: 2201000227**
Applicant	**: 3i Inc**
Address	**: 3-321 523, Dongdaegu-ro, Dong-gu, Daegu, 41228, South Korea**
Manufacturer	**: Nteklogic**
Address	**: 42, Maehwa-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea**
Type of Equipment	**: Pivo Remote Control 2.0**
FCC ID.	**: 2AS3Q-PV-ERC2**
Model Name	**: PV-ERC2**
Serial number	**: N/A**
Total page of Report	**: 6 pages (including this page)**
Date of Incoming	**: January 21, 2022**
Date of issue	**: February 21, 2022**

SUMMARY

The equipment complies with the regulation; ***FCC PART 15 SUBPART C Section 15.247***

This test report only contains the result of a single test of the sample supplied for the examination.

It is not a generally valid assessment of the features of the respective products of the mass-production.

Tested by	Reviewed by	Approved by
Young-Yong, Kim / Manager	Tae-Ho, Kim / General Manager	Ki-Hong, Nam / General Manager
ONETECH Corp.	ONETECH Corp.	ONETECH Corp.

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

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Revision History

Rev. No.	Issue Report No.	Issued Date	Revisions	Section Affected
0	OT-222-RWD-029	February 21, 2022	Initial Release	All

ONETECH Corp.: 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea (TEL: 82-31-799-9500, FAX: 82-31-799-9599)

1. VERIFICATION OF COMPLIANCE

Applicant : 3i Inc

Address : 3-321 523, Dongdaegu-ro, Dong-gu, Daegu, 41228, South Korea

Contact Person : Sinho, Kim / Manager

Telephone No. : +82-10-4312-5197

FCC ID : 2AS3Q-PV-ERC2

Model Name : PV-ERC2

Brand Name : -

Serial Number : N/A

Date : February 21, 2022

EQUIPMENT CLASS	DTS – DIGITAL TRNSMISSION SYSTEM
E.U.T. DESCRIPTION	Pivo Remote Control 2.0
THIS REPORT CONCERNS	Original Grant
MEASUREMENT PROCEDURES	ANSI C63.10: 2020
TYPE OF EQUIPMENT TESTED	Pre-Production
KIND OF EQUIPMENT AUTHORIZATION REQUESTED	Certification
EQUIPMENT WILL BE OPERATED UNDER FCC RULES PART(S)	FCC PART 15 SUBPART C Section 15.247 KDB 558074 D01 15.247 Meas Guidance v05r02
Modifications on the Equipment to Achieve Compliance	None
Final Test was Conducted On	3 m, Semi Anechoic Chamber

-. The above equipment was tested by ONETECH Corp. for compliance with the requirement set forth in the FCC Rules and Regulations. This said equipment in the configuration described in this report, shows the maximum emission levels emanating from equipment are within the compliance requirements.

2. GENERAL INFORMATION

2.1 Product Description

The 3i Inc, Model PV-ERC2 (referred to as the EUT in this report) is a Pivo Remote Control 2.0. The product specification described herein was obtained from product data sheet or user's manual.

DEVICE TYPE	Pivo Remote Control 2.0
OPERATING FREQUENCY	2 402 MHz ~ 2 480 MHz
MODULATION TYPE	DSSS Modulation(GFSK)
RF OUTPUT POWER	-0.83 dBm
NUMBER OF CHANNEL	40 Channel
ANTENNA TYPE	PCB Antenna
ANTENNA GAIN	1.48 dBi
Electrical Rating	DC 3.0 V
List of each Osc. or crystal Freq.(Freq. >= 1 MHz)	38.4 MHz

2.2 Alternative type(s)/model(s); also covered by this test report.

-. None

3. EUT MODIFICATIONS

-. None

4. MAXIMUM PERMISSIBLE EXPOSURE

4.1 RF Exposure Calculation

According to the FCC rule §4.3. General SAR test exclusion guidance, the limit for 1-g and 10-g SAR test exclusion thresholds are ≤ 3.0 for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR by the device operating 100 MHz to 6 GHz and test separation distances ≤ 50 mm

4.2 EUT Description

Kind of EUT	Pivo Remote Control 2.0
Device Category	■ Portable (< 20 cm separation) ☐ Mobile (> 20 cm separation) ☐ Others
Exposure Evaluation Applied	☐ MPE ☐ SAR ■ N/A

4.3 Test Result

According to the procedure, KDB 447498 D01, the standalone SAR test exclusion threshold is

[(Max. Power of channel, including tune-up tolerance, mW)/(Min. test separation distance, mm)] X [√ f(GHz)] < 3.0

= [(1.04/5)] X √ 2.402 = 0.32

4.3.1 Test data for Bluetooth LE

Frequency (MHz)	Target Power W/tolerance (dBm)	Max tune up power (dBm)	Max tune up power (mW)	Separation distance (mm)	RF exposure
2 402.00	-0.83 ± 1	0.17	1.04	5	0.32